"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

Novotny L.

MALIK, I.; SEVCIK, V.; REHACEK, Z.; DOLEZILOVA, L.; MUSILEK, V.; VANEK, Z.; NOVOTNY, L.

Experiences and methods in the search for new antibiotics. J. Hyg. Epidem., Praha 1 no.4:397-412 1957.

1. Institute of Biology and Institute of Chemistry, Czechoslovak Academy of Sciences, Prague.
(ANTIBIOTICS,
technic of search for new prep.)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

KRVITH, L.

Errors, in colorimetric methods.

p. 324 (Chemie, Vol. 9, no. 3, June 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

LUKES, R.; FABRYOVA, A.; DOLEZAL, S.; NOVOTNY, L.

Action of the Gringnard reagent on the amide group. XXIX. Structure of reaction products of Grignard compounds with glutaric acid-N-methylimide. Coll Cz Chem 25 no.4:1063-1069 Ap '60. (EEAI 9:12)

1. Institut fur organische Chemie und Institut fur spezielle und physikalische analytische Methoden, Technische Hochschule fur Chemie, Prag.
(Grignard reagents) (Amides) (Methylglutarimide)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, L.; HEROUT, V.; SORM, F.

On terpenes. Part 109: A contribution to the structure of absinthin and anabsinthin. Coll Cz Chem 25 no.5:1492-1499 My '60.

1. Department of Natural Products, Institute of Chemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, L.; HEROUT, V.; SORM, F.

On terpenes. Part 110: A contribution to stereochemistry of absinthin and artabsin. Coll Cz Chem 25 no.5:1500-1505 My '60.

1. Department of Natural products, Institute of Chemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

SIKORA, V.[deceased]; NOVOTNY, L.; HOLUB, M.; HEROUT, V.; SORM, F.

The proof of structure of carotol and daucol. Coll Cz Chem 26 no.3: 788-802 Mr '61. (EEAI 10:9)

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague.

(Carrots) (Carotol)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, L.; HERCUT, V.

Plant substances. Part 15: The composition of Artemisia sieversiana Willd. Coll Cz Chem 27 no.6:1508-1510 Je '62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, L.; HLIZBA, J.; HEROUT, V.; SORM, F.

Plant substances. Part 16: The constituents of coltsfoot rhizomes (Petasites officialis Moench). Coll Cz Chem 27 no.6:1393-1399 Je '62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, L.; HEROUT, V.; SORM, F.

Plant substances. Part 17: Constituents of Petasites albus (L) Gaertn. rhizomes. Coll Cz Chem 27 no.6:1400-1403 Je '62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

HOCHMANNOVA, J.; NOVOTNY, L.; HEROUT, V.

On terpenes. Part 138 : Sesquiterpenic hydrocarbons from coltsfoot rhizomes (Petasites officinalis Moench). Coll Cz Chem 27 no.8:1870-1876 Ag '62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, L. CZECHOSLOVAKIA

no academic degree indicated

Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague

Prague, Collection of Czechoslovak Chemical Communications, vol 27, No 10, Oct 62, pp 2462-2464.

"Plant Substances. XIX. The Constituents of Petasites Spurius Rhizomes"

Co-author:

HEROUT, V. same as above

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

HOCHMANNOVA, J.; NOVOTNY, L.; HEROUT, V.

On terpenes. Part 144: Hydrocarbons from Petasites albus (L.) Gaertn. rhizomes. Coll Cz Chem 27 no.11:2711-2714 N '62.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, L.; TABACIKOVA-WLOTZKA, Ch.; HEROUT, V.; SORM, F.

On terpenes. Pt. 166. Coll Cz chem 29 no.8:1922-1931 Ag '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, L.; HEROUT, V.; SORM, F.

On terpenes. Pts. 167,168. Coll Cz Chem 29 no.9:2182-2193 S '64.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague. 2. Member, Advisory Board, "Collection of Czechoslovak Chemical Communications" (for Herout). 3. Chairman, Advisory Board, "Collection of Czechoslovak Chemical Communications" (for Sorm).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

CZECHOSLOVAKIA

NOVOTNY, L; SAMEK, Z; SORM, F

Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences - (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 1, January 1966, pp 371-374

"On terpenes. Part 176: Isolation and structure of dimethoxy-dihydrofuroeremophilane."

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

(*N*-Acetylsulfanilyl)guanidine. Antonín Bendá and Ludvík Novotný. Czech. 84,594, Sept. 1, 1955. Thermal rearrangement of cyanamide salts is favorably influenced by addn. of 20% urea to the fused mixt. which effects an exothermic reaction and gives higher yields. A fused mixt. of NH_4NO_3 400 g. and urea 160 g. treated at 110° with stirring with the Ca salt of *p*-$AcNHC_6H_4SO_2NHCN$ 700 g., the end of the reaction revealed by a gradual fall of temp. following a temporary spontaneous rise to 185°, and pouring the mixt. into water ppts. 420 g. (*N*-acetylsulfanilyl)guanidine.
L. J. Urbánek

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

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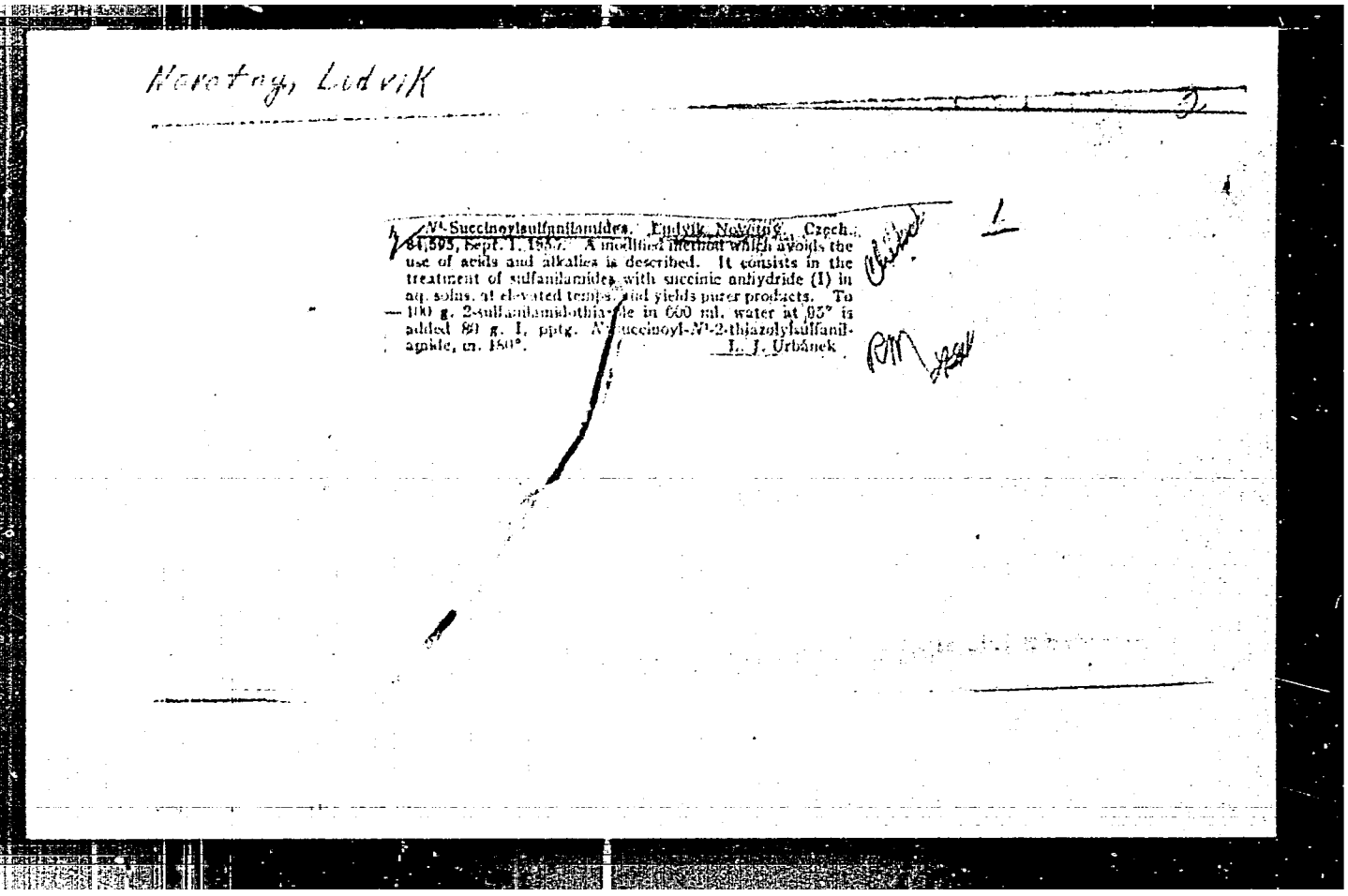

Novotny, Ludvik

N⁵-Succinoylsulfanilamides. Ludvik Novotný. Czech. 84,595, Sept. 1, 1956. A modified method which avoids the use of acids and alkalies is described. It consists in the treatment of sulfanilamides with succinic anhydride (I) in aq. solns. at elevated temps., and yields purer products. To 100 g. 2-sulfanilamidothiazole in 600 ml. water at 95° is added 80 g. I, ppte. N⁵-succinoyl-N¹-2-thiazolylsulfanilamide, m. 180°. J. J. Urbánek

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, L.

Z/009/60/010/05/036/040
E142/E135

AUTHOR: None given

TITLE: Book Reviews

PERIODICAL: Chemický Průmysl, 1960, Vol 10, Nr 5, pp 263-264

ABSTRACT: The following books are reviewed:

1) "The Manufacture, Processing and Uses of Thermo-Setting Compounds", by F. Nuhlíček and Z. Osadan. Published by SNTL, Bratislava, (1959). Reviewed by L. Fogarassy.

2) "Introduction to the Theory of Organic Chemistry" (Einführung in die theoretische organische Chemie). by H.A. Staab, published by Verlag Chemie, Weinheim, 1959. Reviewed by A. Vystrčil, (Charles University), L. Novotný and J. Křepinský (Czech Academy of Sciences).

3) "A Text Book of Practical Organic Chemistry" by A.I. Vogel, published by Longmans, Green & Co., London, 1956. Reviewed by A. Vystrčil (Charles University).

Card 1/2

4) "Free Radicals in Solution" by C. Walling, published by John Wiley & Sons Inc., New York, 1957. Reviewed by Z. Machacek.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

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E142/E135

Book Reviews

5) "Gas Chromatography", by A.I.M. Keulemans, published by Verlag Chemie GmbH, Weinheim, 1959.
Reviewed by A. Tockstein (VŠChT, Pardubice).

6) "Lectures Held During the Sixth Conference on Gas Chromatography 1959". Výzkumný ústav syntetického kaučuku (The Research Institute for Synthetic Rubber) n.p. KAUČUK in Gottwaldov has published in book form the lectures held during the above Conference.

Card 2/2

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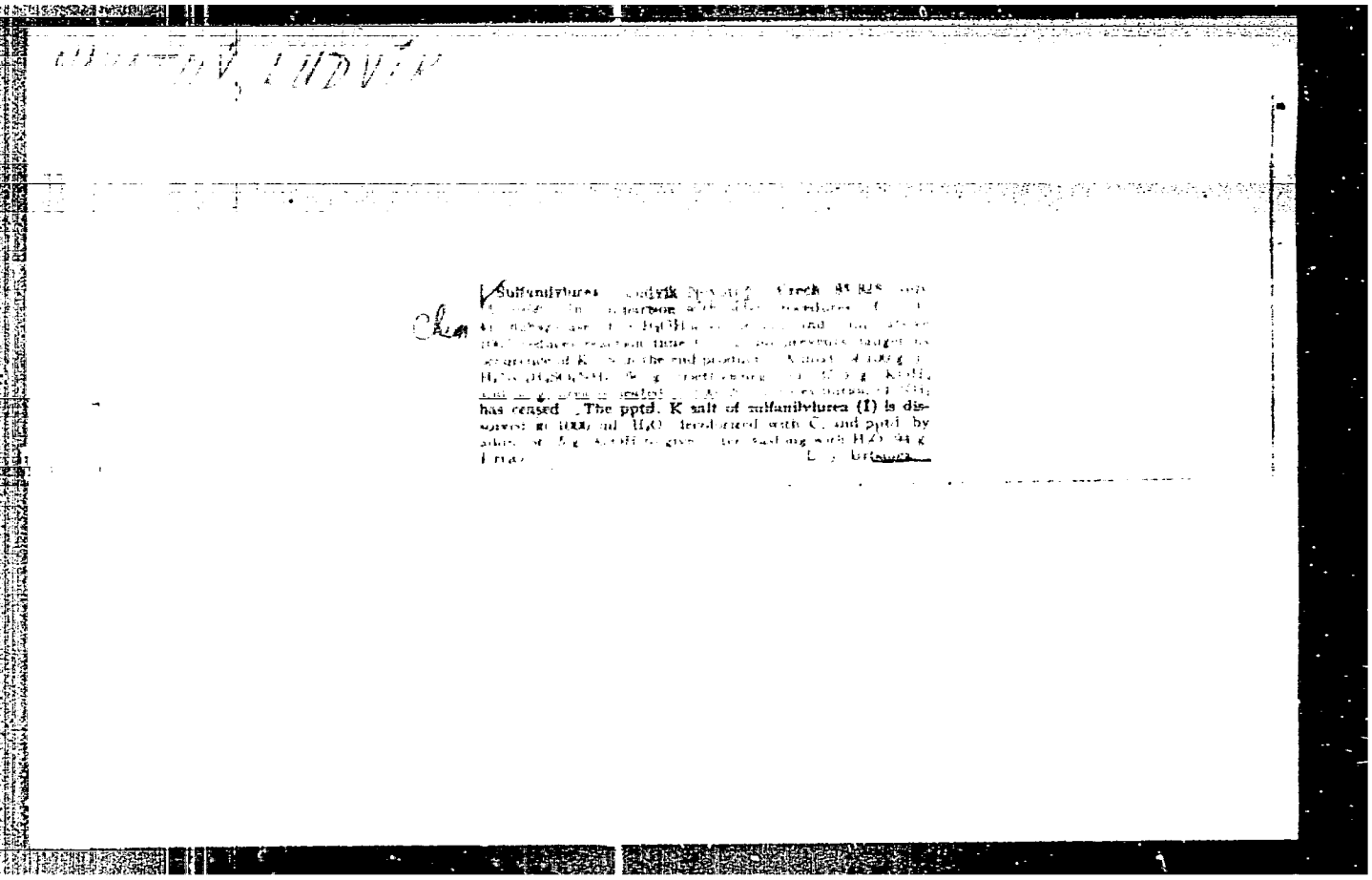

Sulfanilylurea [illegible] has ceased. The ppt'd. K salt of sulfanilylurea (I) is dissolved in [illegible] and H_2O heated on a [illegible] with C and ppt'd by addition of [illegible] g AcOH to give [illegible] after washing with H_2O and EtOH. [illegible]

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

Distr: HR2a(1)

A contribution to the structure of absinthin and anabsinthin. L. Novotný, V. Herout, and F. Sorm (Czechoslovak Acad. Sci., Prague). *Chem. & Ind.* (London) 1958, 485–6.—The mol. wt. of cryst. anhyd. absinthin (I), m. 179–80° (decompn.), detd. by the isothermal distn. method in Me_2CO, is 520 ± 50, thus I is a dimeric guaianolide, $C_{30}H_{40}O_8$, contg. 2 OH groups/mol. Anabsinthin (II) has the same mol. wt. and mol. formula. The infrared spectrum of I shows absorption bands due to a γ-lactone carbonyl group (1768 cm.$^{-1}$), a double bond (1652 cm.$^{-1}$), and an OH group (3530 cm.$^{-1}$). Hydrogenation of I with PtO_2-HOAc did not proceed readily, but gave *tetrahydro*-I (III), $C_{30}H_{44}O_8$, m. 262°, and II, proving the presence of 2 double bonds in I. The OH groups in III are tertiary, since they could be neither oxidized with CrO_3 nor acetylated. Reduction of I with $LiAlH_4$ gave I *didactol* (IV), $C_{30}H_{48}O_8$, m. 195°; use of $LiAlH_4$ in *N*-ethylpiperidine gave a glassy product, probably a *tetrol* (V), formed by subsequent etherification of 2 OH groups. Dehydrogenation of IV with Se gave *chamazulene*, *guaiazulene*, and *artemazulene* (VI) (*trinitrobenzene adduct* m. 191°); similar dehydrogenation of V gave the above azulenes and *12-hydroxyguaiazulene* (*trinitrobenzene adduct*, m. 148°) as the principal product. Infrared bands due to double bonds and OH groups are absent in the spectrum of II, which does not take up H even under forcing conditions. Reduction of II with $LiAlH_4$ in Et_2O gave a *product*, $C_{30}H_{46}O_8$, m. 211°, probably a pentol, which on dehydrogenation with Se gave VI in fair yield. Oxidation of I and II with concd. HNO_3 gave a mixt. which chromatographed on Dowex-2 gave $HO_2CCH_2CH.CHMe.CO.O.CHCO_2H$ (VII), m. about 165°, and liquid $HO_2CCH_2CH(CO_2H)CHMeCO_2H$ (VIII), identified as its *tri-Me ester*. The infrared spectrum of the *di-Me ester* of VII has bands at 1744 cm.$^{-1}$ (ester group) and 1792 cm.$^{-1}$ (γ-lactone). VII and VIII also were obtained from artabsin (IX) by a similar procedure. Treatment of both I and II in alk. soln. with HCHO gave *1,2,7-trimethyl-7-ethylazulene* and with AcH gave *1,4-dimethyl-2,7-diethylazulene*. It is assumed that I is formed by diene addn. of an unknown precursor contg. a cyclopentadiene group and an OH group in the 10-position of guaianolide (isomer of IX). The structure of I is proposed as shown, which permits the stereochem. formation of II from I by the probable addn. of 1 of the OH groups to the double bond, affording the oxide ring. Rip G. Rice

6 2-May 1

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

CZECHOSLOVAKIA / Organic Chemistry. Organic Synthesis. G-2

Abs Jour: Ref Zhur-Khimiya, No 10, 1959, 34381.

Abstract: double bond of the α,β-saturated tert-amines, determined by infra-red spectrum for IV is equal to 1665 cm^{-1}; with the maximum corresponding to approx. 1640 cm^{-1}. The maximum or the curve peak exists at around 1700-1710 cm^{-1}. It is characteristic to compounds of type I and II and mistakingly is attributed to the exocyclical double bond (Ref Zhur-Khimiya, 1956, 12725). It belongs to aminoketones such as $CH_3NHCH_2CH_2CHR'COCH_2R$ which form in the hydration of I and II obtained from perchlorates through the action of concentrated NaOH solution. I and II are steam distilled and are purified by the usual method, using HCl-salts. Presented below are: substance, boiling point in °C/mm, $n^{20}D$, melting point in °C of base perchlorates: Ia, 65-67/86,

Card 3/5

CZECHOSLOVAKIA / Organic Chemistry.

Abs Jour: Ref Zhur-Khimiya, No 10, 1959, 34381.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

Abstract: 1.5052, 238; IIa, 77-78/85, 1.4820, 208-209; b) 91-92/75, 1.4800, 97-98; c) 101-102/63, 1.4778, 116-117; d) 84/81, 1.4742, 234; e) 90-92/59-60, 1.4710, 130-131; III, 88-89/67, 1.4753, 210-211; IV, 78-79/35, 1.4723, 259-261; V, 160-161/17, 1.6352, -; VI, 109-110/15, 1.5761, -; VII, 57/57, 1.4850, 235-236; VIII, 70-72/51 (69/53), 1.4660, 176-177. When the double bond is restored in I and II, the maxima disappear in the regions of 700-800 cm^{-1} and 1500-1900 cm^{-1}. Infra-red spectra were also investigated of the following: 1-methyl-2-alkylpyrrolidins (given below: alkyl, boiling point in °C/mm, $n^{20}D$, and melting point in °C of picrate): CH_3, 124.5-125/760, 1.4338, 170-171 (from alc.); iso-C_3H_7, 138-139/744, 1.4382, 165-166 (from alc.); C_6H_5, 92-

Card 4/5

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, J., inz.

Window frames from glass laminates. Stavivo 43 no.2:73 '65.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, J.

Proximal surfaces of molars and premolars and the incidence of proximal caries. Cesk. stomat. 65 no.1:18-29 Ja '65

1. Stomat. klinika lekarske fakulty Palackeho University v Olomouci (prednosta: doc. dr. J. Novotny, CSc.).

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.; [redacted]

AGRICULTURE

Periodical LESNICKY CASOPIS. Vol. 4, no. 4/5, 1958.

NOVOTNY, M.; PAREZ, J. The right application of statistical methods in forestry. p. 330.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.

"Problems of the reconstruction and development of the leather and shoe industry."

p. 121 (Kozarstvi) Vol. 6, no. 7, July 1956.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.

Problems of construction and reconstruction of the glass and ceramics industry. p. 153. SKLAR A KERAMIK, (Ministerstvo lehkeho prumyslu) Praha. Vol. 6, no. 7, July 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress. Vol. 5, no. 12, December 1956.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.; BLAZEK, I.

New trends in designing machinery for poultry processing. p. 529

PRUMYSL POTRAVIN. (Ministerstvo potravinarskeho prumyslu)
Praha, Czechoslovakia Vol. 10, no. 10, Oct. 1959

Monthly List of East European accession, (EEAI), LC, Vol. 8, No. 12, Dec. 1959
Uncl.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.

"The problem of piston temperatures in the operation of oil engines."

Czechoslovak Heavy Industry. Prague, Czechoslovakia. No. 2, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M; LEER, F.

Characteristics of industrial explosives and their relation to the effects of explosives in blasting. p. 185.

RUDY. (Ministerstvo hutniho prumyslu a rudnych dolu) Praha, Czechoslovakia, Vol. 7, no. 6, June 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.

uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.

Aerodynamic tunnel for supersonic speeds. p. 248. (Kridla Vlasti, No. 8, Apr. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

L 33531-66 T IJP(c)
ACC NR: AP6023467 SOURCE CODE: CZ/0026/65/010/006/0483/0488

AUTHOR: Novotny, Milos

ORG: Research Institute of Telecommunications, Prague-Strasnice (Vyzkumny ustav telekomunikaci)

TITLE: Z transform in terms of the Carson-Laplace transform

SOURCE: Aplikace matematiky, v. 10, no. 6, 1965, 483-488

TOPIC TAGS: Laplace transform, mathematic transformation, series

ABSTRACT: The article derives three theorems which make it possible to obtain images under the Z_1, Z_2 or Z_3 transforms from dictionaries of Carson-Laplace correspondences. [JPRS]

SUB CODE: 12 / SUBM DATE: 15Jul64 / OTH REF: 001

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of Inorganic Substances. E-2

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 941.

Author : Novotny, Martin
Inst : Not given.
Title : The Photometric Determination of Titanium in High Alloy Steels.

Orig Pub: Hutnicke listy, 1958, 13, No 5, 430-431.

Abstract: For the determination of titanium in high alloy steels containing W, Mo, Cr, Ni, Fe, Al, Mn and V, the previously described complexometric method (R. Zh. Khim., 1954, 45093) is used. One gram of the steel being analyzed is treated with a mixture of HCl and HNO_3, the solution is evaporated to dryness, the residue is dissolved in 30 ml of 75% $HClO_4$, evaporated until white vapors appear, 220 ml

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of Inorganic Substances. E-2

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 941.

Abstract: of water and 70 ml of 10% solution of Complexone III are added, neutralized with ammonia to litmus end point and 5 ml of NH_4OH and 30 ml of 10% solution of $MgSO_4$ are added. The separated precipitate of $Ti(OH)_3$ is filtered, washed with water, made alkaline with ammonia, dissolved on the filter with 50 ml of hot sulfuric acid (1:3) and the filter is washed with hot water, which is acidified with sulfuric acid. Five millimeters of H_3PO_4 is added to the filtrate, cooled, diluted with water to 200 ml and divided into two equal portions. To the first part, 5 ml of 15% H_2O_2 is added, and to the second part — 5 ml of water is added and the color of both solutions is measured

Card 2/3

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

OULEHLA, Karel; NOVOTNY, Martin

Use of high-frequency in quantitative determining of carbon and sulphur in steel and cast iron. Hut listy 17 no.11:809-811 N '62.

1. Zavody presneho strojirenstvi, Gottwaldov.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Milan, promovany matematik

Role of age factor in morbidity according to statistics on working incapacitation in 1955. Cesk. zdravot. 5 no.5:278-282 May 57.

1. Stredisko pro zdravotnickou statistiku v Praze.
(VITAL STATISTICS,
morbidity & incapacitation, age factor in Czech. (Cz))

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

MERVART, Jaroslav, inz., CSc.; NOVOTNY, Milan, inz., CSc.

Some economic problems in timber transportation. Les cas 9 no. 11: 959-974 N '63.

1. Vyzkumny ustav lesniho hospodarstvi a myslivosti, Zbraslav-Strnady.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

STOJCEV, Alexandr, inz.; NOVOTNY, Milan, inz.

Contribution to the increase of productivity of particle board production lines. Drevo 18 no. 12: 451-454 D '63.

1. Vyzkumny a vyvojovy ustav drevarsky, Praha.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Milan

Methods for measuring the induction periods of igniting solid matters. Sbor VSChT Pardubice Pt.2:173-210 '63.

1. Chair of Technology of Explosives, Higher School of Chemical Technology, Pardubice.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

CZECHOSLOVAKIA / Forest Science. Forest Cultures. K-4

Abs Jour : Ref. Zhur - Biologiya, No 17, 1958, No. 77521

Author : Novotny, Milan
Inst : Not given
Title : Some Results of Inspection of Pine Plantings in 1955

Orig Pub : Les, 1956, 12, 515-518

Abstract : Recent pine plantings were inspected in different areas of Czechoslovakia. Survival of the plantings and their growth were compared. The initial drop in plantings was conditioned by an insufficiency of agricultural engineering. Size of stock did not influence survival, but subsequently showed in the growth of the plantings, especially with the increase of areas of pine groves. The method of laying in the plantings (rows, nests) had no essential influence. -- M. K. Bush.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

STOJCKY, Aleksandr, ins.; NOVOTNY, Milan, ins.

Economical floor panels from wood waste. Drevo 17 no.9:282-284 S '62.

1. Vyzkumny a vyvojovy ustav drevarsky, Praha.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Milos, promovany chemik

Experiences in the operation of an X-ray spectrograph. Geol pruzkum 6 no.9:269-271 S '64.

1. Geologicky pruzkum National Enterprise, Brno.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Miroslav

Conference on ordered sets. Vestnik CSAV 73 no.2:284-286 '64.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Miloslav, ing.

What is the Meteorological Operational Telecommunication Network Europe and Exchange System of Aeronautical Information. Letecky obzor 7 no.10:308-310 O '63.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Miloslav, inz.

Tasks of aeronautical meteorology. Letecky obzor 8 no.5:135 My '64.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.; RYCHTR, L.

Liquid-liquid-equilibrium in the chloroprene-acryl nitrile-water system. Coll Cz Chem 29 no.10:2558-2561 O '64.

1. Kaucuk, Kralupy nad Vltavou.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

CA

8

The chemical composition and optical properties of some Moravian amphiboles. M. Novotný. *Přírod. moravsk. Akad. věd Přírod.* (Acta acad. sci. nat. Moravo-Silesiacae, Brno) **21**, No. 10, 24 pp.(1949)(English summary).--Chem. analyses and optical data are given for 4 samples of tremolite-actinolite and for 4 hornblendes. Michael Fleischer

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

CA

Mineralogical Abstracts - 8

The pegmatites of Hradisko and Borovina near Rožná Počátek, Moravia. M. Novotný and J. Štelcl (Masaryk Univ., Brno, Czech.). *Práce Moravskoslezské Akad. Přírodních Věd* 23, 259–74 (1951) (English summary).—Description of complex tourmaline-lepidolite pegmatites. The former has been worked out, but the latter is a promising source of Li.

Michael Fleischer

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNÝ, M.

CZECH

✓ **Chemistry of epidote and allanite from the Zulová granite massive.** Miroslav Novotný [illegible] *Sborník Ústav. přírodověd. lékařsk. Brno* 26, [illegible] (Engl. summ.) 1954. *Mineral. Abstr.* 30, 181(1953). Epidote from Žulová, Bohemian Czech Silesia, n 1.732 – 1.736 – 1.761, 2V = 71° [illegible] and allanite from Černá Voda near Žulová, n = 1.745, [illegible] resp., SiO_2 37.41, 31.43; Al_2O_3 27.26, 12.59; Ce_2O_3 10.83; La_2O_3, etc. [illegible]; Fe_2O_3 10.24, 5.42; FeO 0.05, 11.33; MnO 0.04, [illegible]; CaO 23.20, 13.58; H_2O 1.40, total 100.96, [illegible]. The epidote also contained 0.28% TiO_2, [illegible] and the allanite contained traces of Mn and alkalies.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.

"Amphibolic Gneisses from the Area of the Metabasites of the Jesenik", P. 469, (SBORNIK. ODDIL GEOLOGICKY, Vol. 20, 1953, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3, Mar 1955, Uncl.

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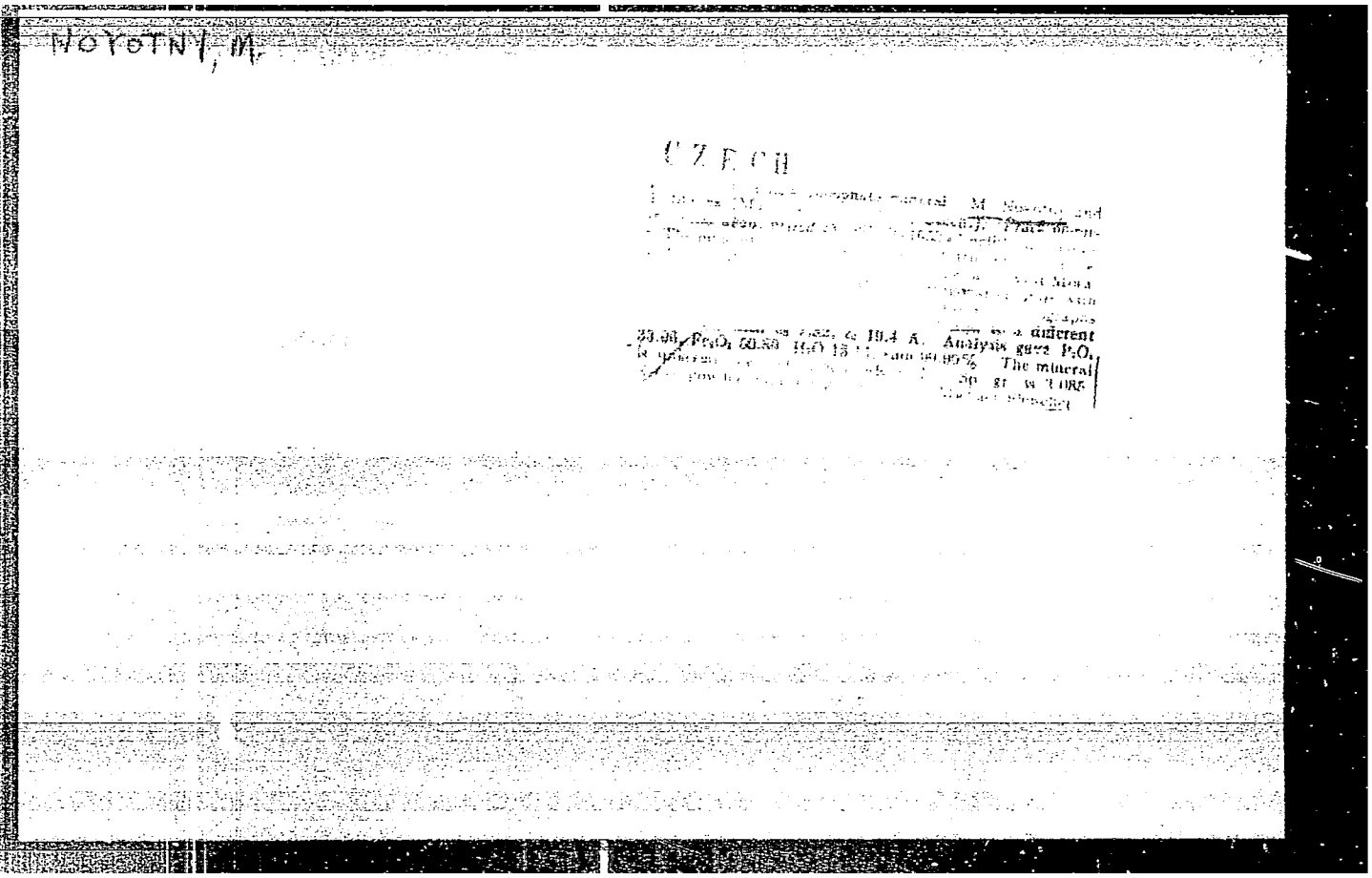

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.

Skarn deposits at Permstyn and Lisna. p.395.
SBORNIK, ODDIL GEOLOGICKY, Prague, Vol. 21, 1954 (Published 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, MIROSLAV

Category: Czechoslovakia / Physical Chemistry - Crystals B-5

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 29785

Author : Novotny Miroslav
Inst : not given
Title : Determination of the Refraction Index of Minerals by the Immersion Method up to a Value n = 2.05

Orig Pub: Casop. mineral. a geol., 1956, 1, No 2, 104-107

Abstract: Description of the preparation and use of an immersion liquid of high refractive index (n ~ 2.05) which is made from AsI_3, S, As_2S_3 and CH_2I_2.

Card : 1/1 -53-

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.

Phosphates from the pegmatite deposits on Vetrny vrch in the vicinity of Ohnistovice. p. 501. (PRACE, Vol. 28, No. 10, 1956, Brno, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

Country : Czechoslovakia D
Category : Geochemistry, Cosmochemistry, Hydrochemistry

Abs. Jour. : Ref. Zhur - Khim., No 7, 1959 22872

Author : Novotny, M.
Institut. :
Title : Inclusions of Dark Rocks in Light Gneisses of Kurimske Nove (Western Moravia, Czechoslovak Republic).
Orig Pub. : Prace Brnenske zaklad. CSAV, 1958, 30, No 7, s. 281-335, il.)

Abstract : Description of pyroxene-garnet and amphibole-biotite formations and of the gneisses enclosing them. Chemical analyses are given of amphiboles, pyroxenes, biotites, and quartz-feldspar penetrations, as well as qualitative spectral analyses of the rocks. The conditions of their formation are discussed. -- G. Vorob'yev.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.

"Construction Of Certain Ordered Continua Of Power $2\aleph_0$." p. 87.
(Casopis Pro Pestovani Matematiky Czechoslovak Mathematical Journal.
Vol. 1, No. 2. Nov. 1951, Praha)

Vol. 3, No. 3

SO: Monthly List of East European Accessions, Libary of Congress, March 1954, Uncl.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNÝ, MIROSLAV

200

Novotný, Miroslav. Les systèmes à deux compositions avec une loi distributive. Publ. Fac. Sci. Univ. Masaryk no. 321, 49–68 (1951). (French. Russian summary)

This paper deals with algebraic systems which are closed under the two operations of addition and [illegible] for the left distributive [illegible] that multiplication is then an endomorphism of the additive groupoid is used to discuss the problem of constructing such systems on a given additive groupoid. The results for the most part are either well known or are obvious generalizations from ordinary ring theory.

D. C. Murdoch (Vancouver, B. C.)

Source: Mathematical Reviews, Vol 13 No. 7

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNÝ, MIROSLAV

Novotný, Miroslav. Le noyau abstrait de la construction de Weyr des nombres caractéristiques des matrices. Publ. Fac. Sci. Univ. Masaryk 1953, 47, 51–105 (1951). (Czech, Russian and French summaries)

In an abstract space without algebraic operations but with a linear dependence relation axiomatized as in a paper by Haupt, Nöbeling and Pauc [J. Reine Angew. Math. 181, 193–217 (1940); these Rev. 1, 169], there is obtained a generalization of the Weyr characteristic numbers of a linear operator in a vector space. The space is required to have the property that dimensions of subspaces behave as in a projective space ($\dim T_1 + \dim T_2 = \dim (T_1 \cup T_2) + \dim (T_1 \cap T_2)$) and the operator F is required to be closed, continuous, and such that if T_0 and T are invariant subspaces with T properly containing T_0 then there is a point $x \in T - T_0$ such that $F(x)$ is in the subspace spanned by T_0 and x. [The review is based on the French summary.] W. Green

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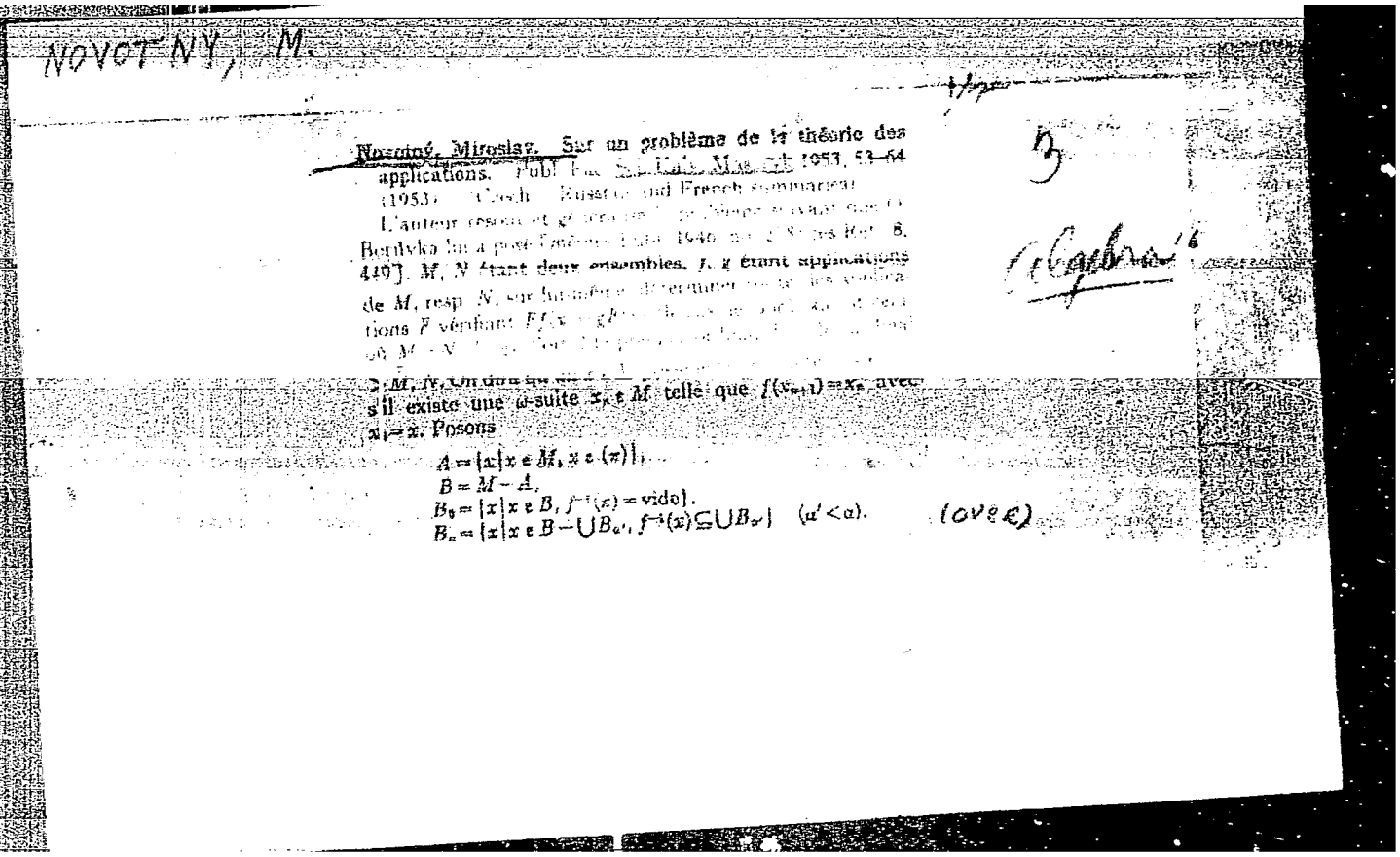

NOVOTNÝ, M.

Novotný, Miroslav. Sur un problème de la théorie des applications. Publ. Fac. Sci. Univ. Masaryk 1953, 53–64 (1953). (Czech. Russian and French summaries)

L'auteur résout et généralise un problème posé par B. Bolzano [Bemerkungen über einige Gegenstände der Wissenschaftslehre, Leipzig 1810, p. 8, 419]. M, N étant deux ensembles, f, g étant applications de M, resp. N, sur [illegible] tions F vérifiant $F(x) = g^{[illegible]}$ où $M \cdot V$ [illegible]

$\ldots M$, f, on dit que [illegible] s'il existe une ω-suite $x_\nu \in M$ telle que $f(x_{\nu+1}) = x_\nu$ avec $x_1 = x$. Posons

$$A = \{x \mid x \in M, x \in (x)\},$$
$$B = M - A,$$
$$B_0 = \{x \mid x \in B, f^{-1}(x) = \text{vide}\},$$
$$B_\alpha = \{x \mid x \in B - \bigcup B_{\alpha'}, f^{-1}(x) \subseteq \bigcup B_{\alpha'} \quad (\alpha' < \alpha).$$

(ov? €)

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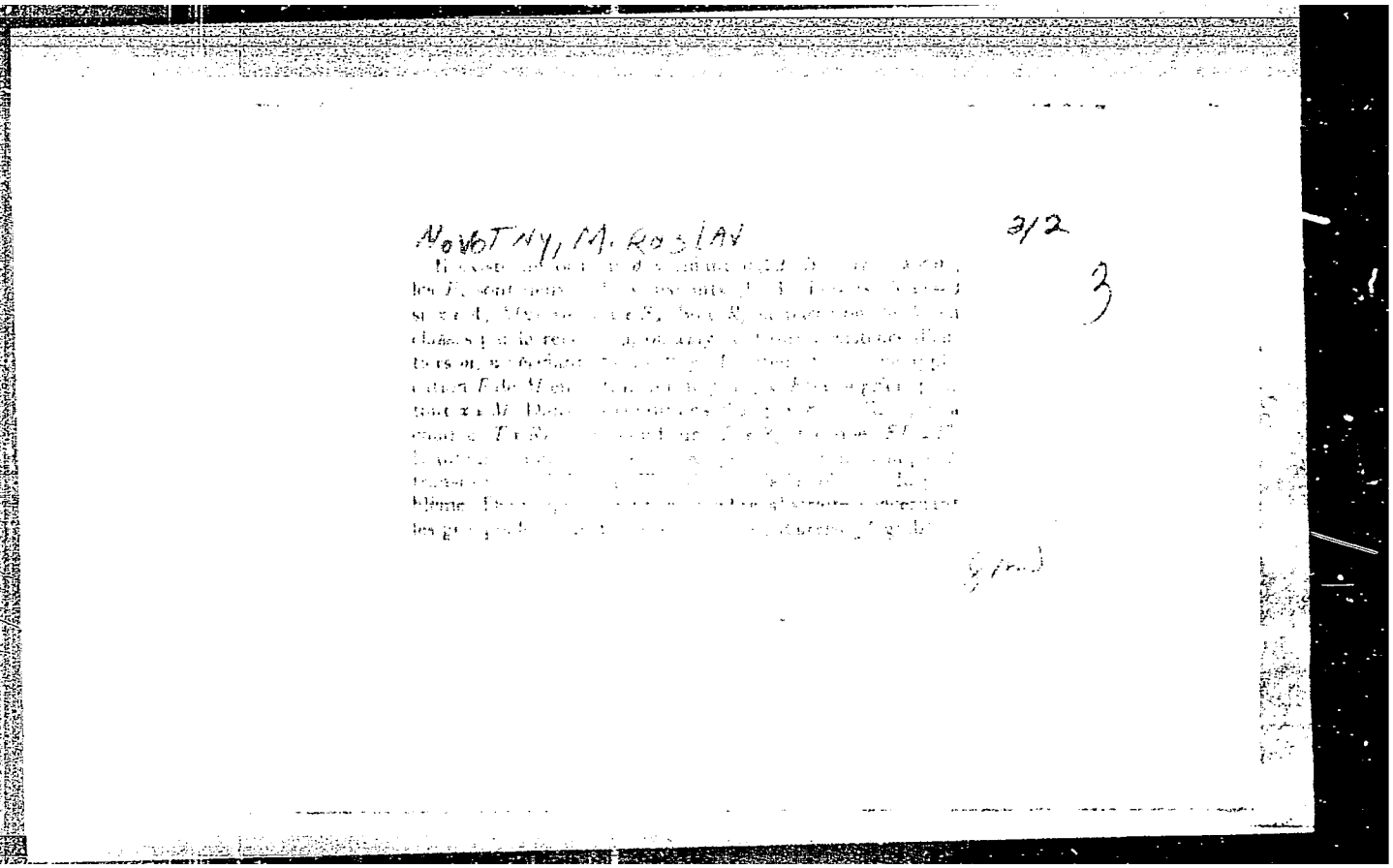

NOVOTNY, MIROSLAV

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NOVOTNY, Miroslav (Brno)

Characteristic of an ordered continuum [with summary in French].
Chekh.mat.zhur. 3 no.1:75-82 Mr '53. (MLRA 7:5)
(Aggregates)

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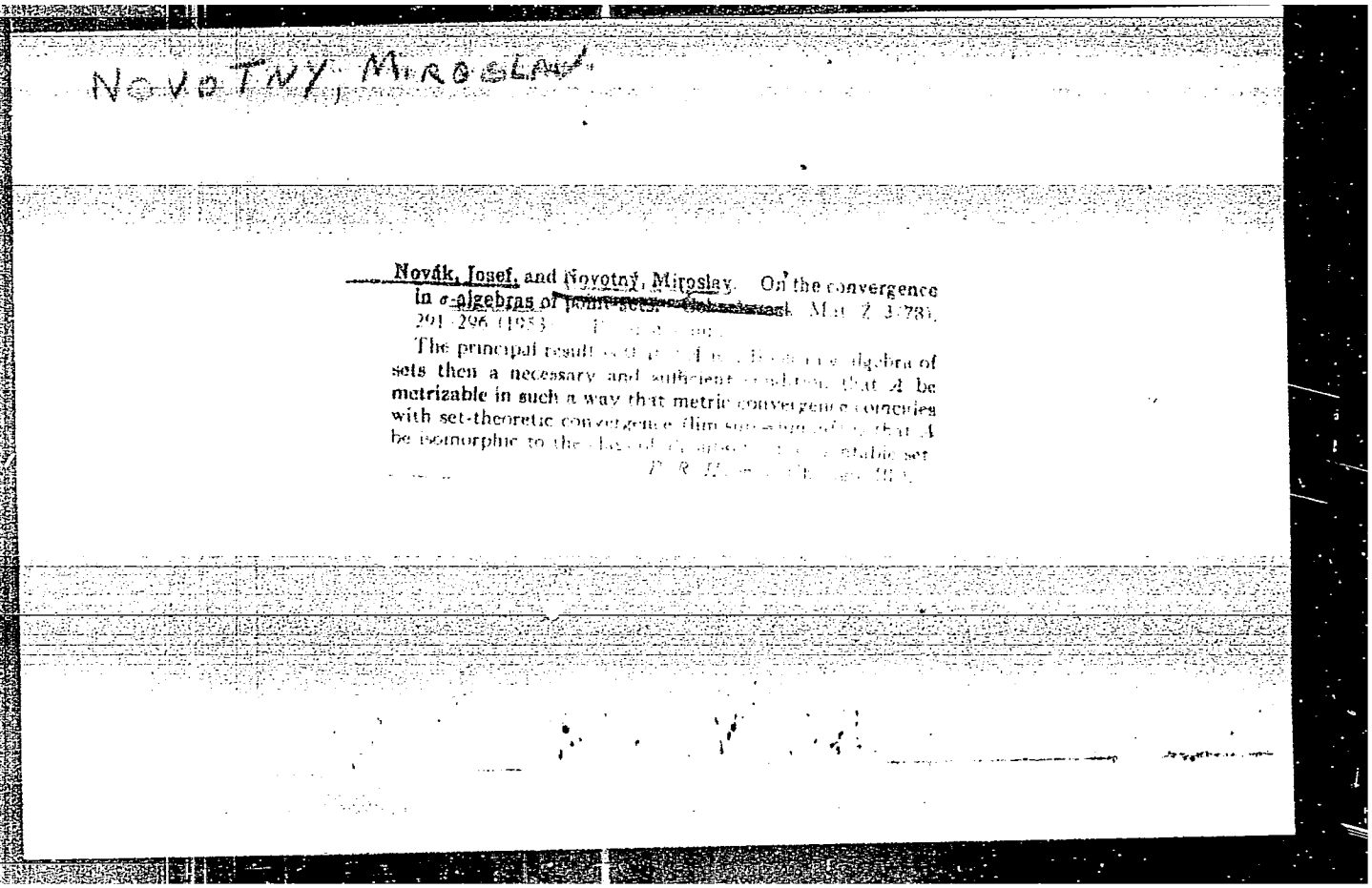

NOVOTNY, MIROSLAV

Novák, Josef, and Novotný, Miroslav. On the convergence in σ-algebras of [illegible]. Mat. Z. 3 (78), 291–296 (1953).

The principal result [illegible] Boolean algebra of sets then a necessary and sufficient condition that $\mathcal{A}$ be metrizable in such a way that metric convergence coincides with set-theoretic convergence [illegible] that $\mathcal{A}$ be isomorphic to the [illegible] stable set [illegible]

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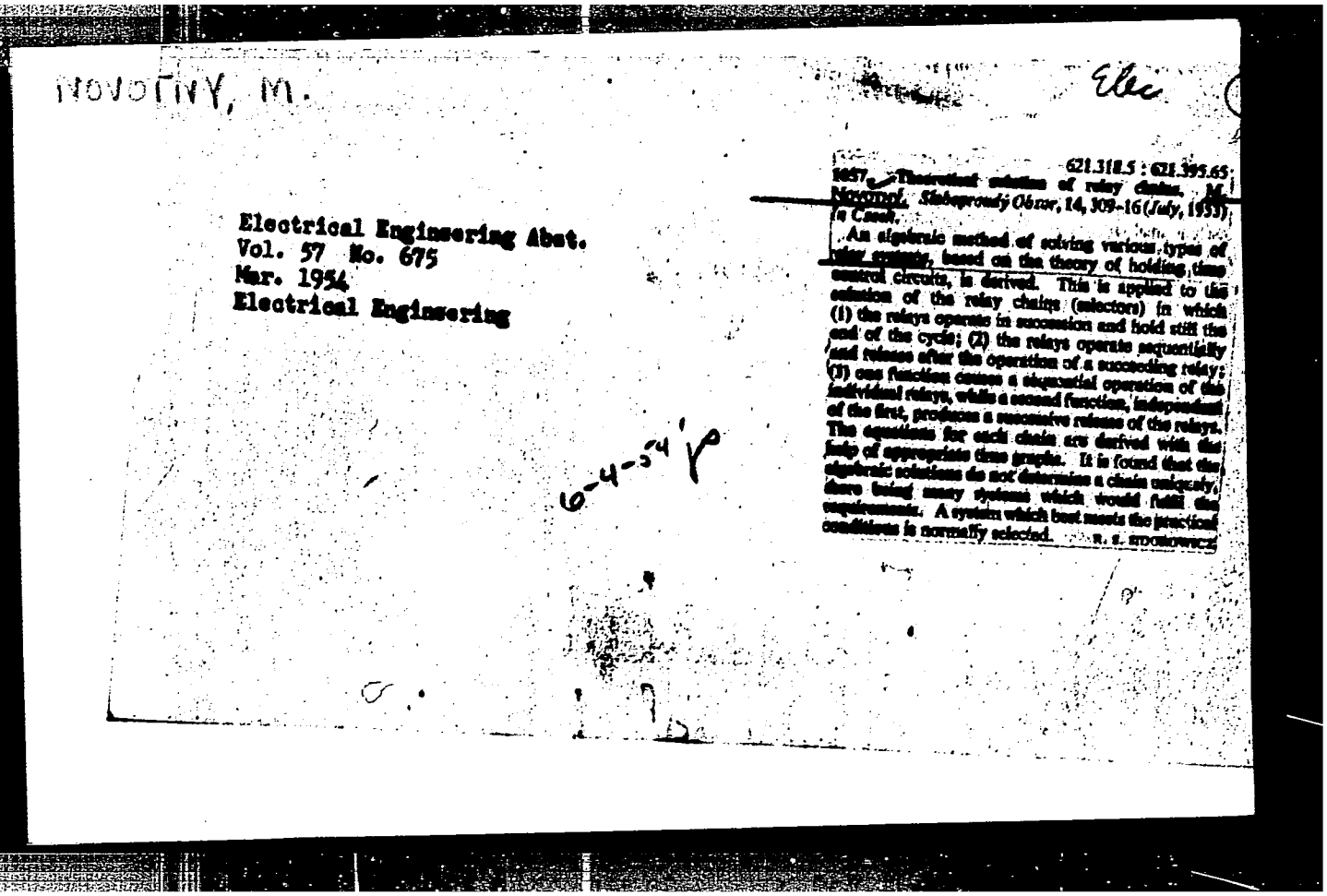

NOVOTNY, M.

Elec

Electrical Engineering Abst.
Vol. 57 No. 675
Mar. 1954
Electrical Engineering

6-4-54 p

621.318.5 : 621.395.65

1857. Theoretical solution of relay chains. M. Novotný. *Sdělovací Obzor*, 14, 309–16 (July, 1953) (in Czech).

An algebraic method of solving various types of relay synthesis, based on the theory of holding time control circuits, is derived. This is applied to the solution of the relay chains (selectors) in which (1) the relays operate in succession and hold still the end of the cycle; (2) the relays operate sequentially and release after the operation of a succeeding relay; (3) one function causes a sequential operation of the individual relays, while a second function, independent of the first, produces a successive release of the relays. The equations for each chain are derived with the help of appropriate time graphs. It is found that the algebraic solutions do not determine a chain uniquely, there being many systems which would fulfil the requirements. A system which best meets the practical conditions is normally selected. R. E. SYDOROWICZ

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NOVOTONY, M.

Electrical Engineering Abstracts
June 1954
Electrical Engineering

621.395.663.4

2566. Time and zone metering. M. NOVOTNÝ. *Slaboproudý Obzor*, 14, No. 9, 361–9 (1953) *In Czech.*
A new method of billing the long-distance telephone calls in fully automatic telephony is described. The billing is carried out directly by the subscriber's meter, during the call, the density of the meter-driving impulses being proportional to the distance of the required zone. In comparison with the translators metering in 3-minute units, the new system results in a considerable simplification of the time and zone translators for both the local (central zone) and long-distance traffic; it is estimated that the saving in space in the case of the central zone translators amounts to ~70%. Block schematics of zone determining systems and the circuits employed for the transmission of metering impulses are given. R. S. SIDOROWICZ

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NOVOTNY, M.

O. Klika's Automaticky telefonni system P 51 (P 51 Automatic Telephone System); a book review. p. 408.

Vol. 14, no. 9, Sept. 1953
SLABOPROUDY OBZOR
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5 No. 4 April 1956

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NOVOTNÝ, MIROSLAV

Novotný, Miroslav. On similarity of [illegible]

[illegible]

Đ. Kurepa (Zagreb).

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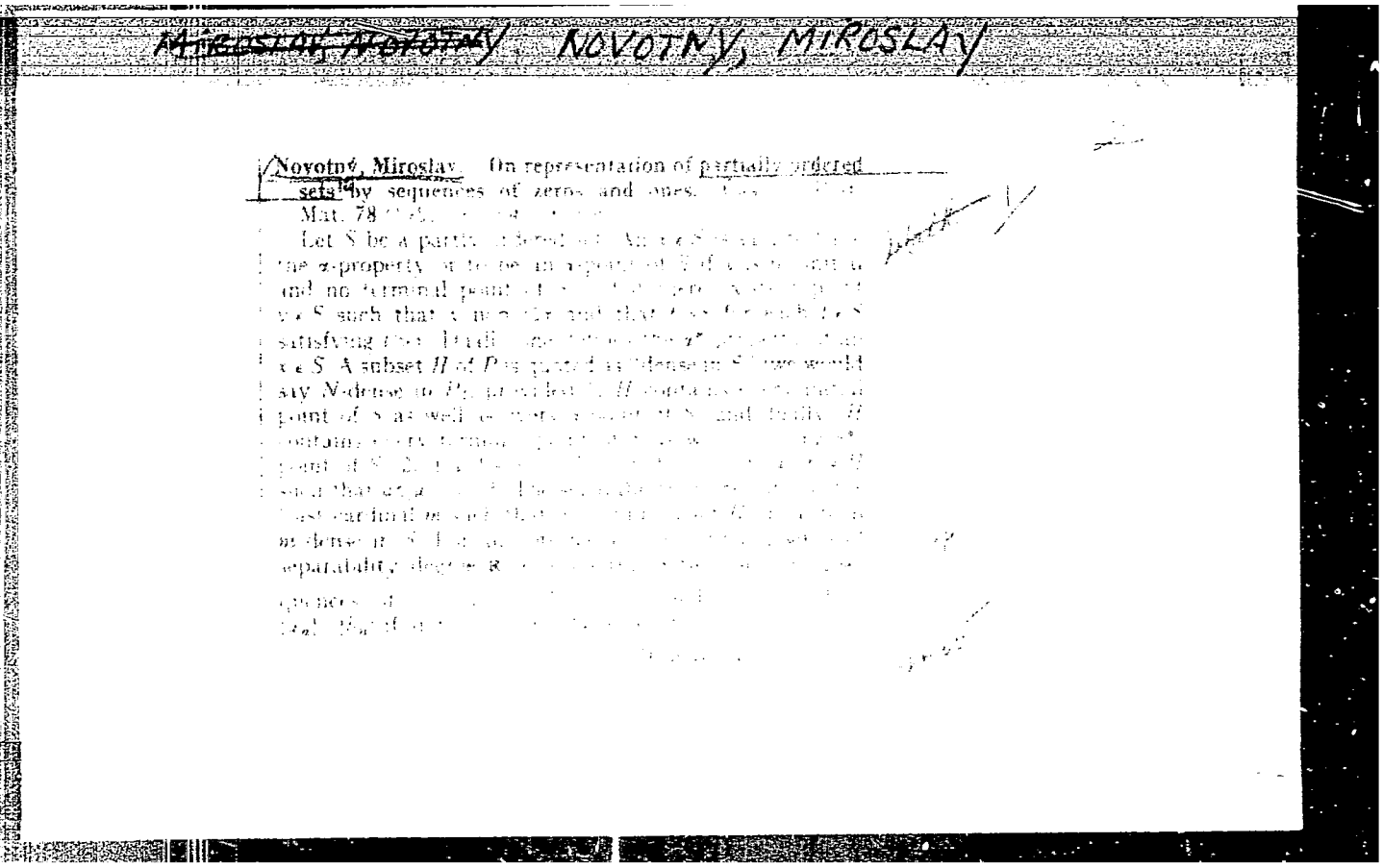

MIROSLAV NOVOTNÝ, MIROSLAV

Novotný, Miroslav. On representation of partially ordered sets by sequences of zeros and ones.

Mat. 78

Let S be a partially ordered set. An element x of S has the x-property if there is an element y of S, $y \neq x$, and no terminal point of S such that $x \leq y$ and that $z \in S$ satisfying $x \leq z$ implies $z \leq y$. A subset H of P is said to be dense in S if every N-dense in P contains a point of S as well as every N-dense in S contains a point of S. Let us call a point x of S an N-dense point of S if every N-dense in S contains x. The separability degree R

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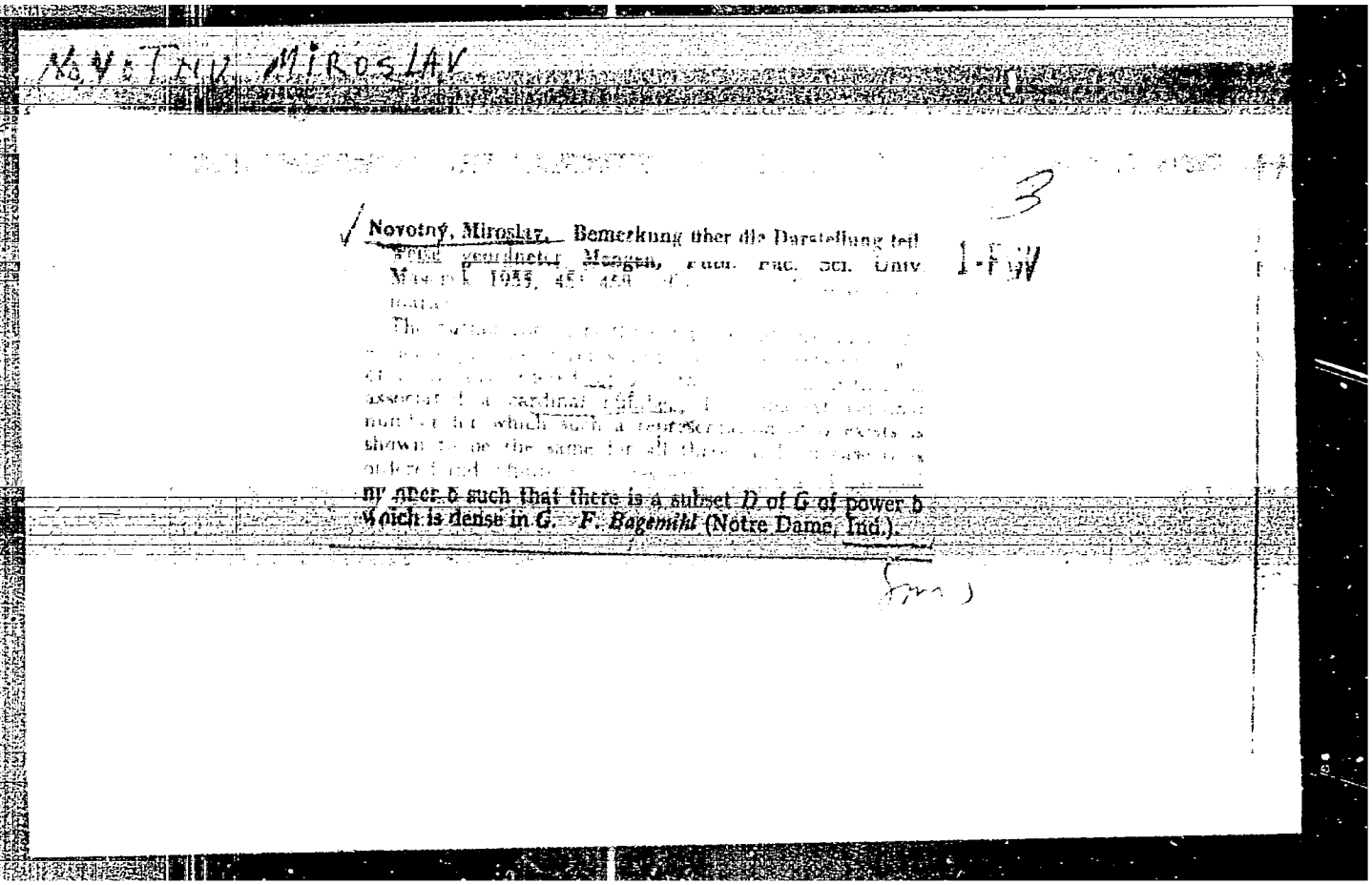

NOVÝ, Tak MIROSLAV

3

Novotný, Miroslav. Bemerkung über die Darstellung teil[illegible] 1-FW
[illegible] Mengen. Fasc. Sci. Univ. [illegible] 1955, [illegible]

[illegible]

[illegible] number for which such a [illegible] exists is shown to be the same for all [illegible]

my aleph_0 such that there is a subset D of G of power $\mathfrak{b}$ which is dense in G. *F. Bagemihl* (Notre Dame, Ind.).

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M.

NOVOTNY, M. Note on the representation of partially arranged numbers. p. 457.

No. 369, 1955.
SPISY
SCIENCE
Brno, Czechoslovakia

So: East European Accession, Vol. 6, No. 2, Feb. 1957

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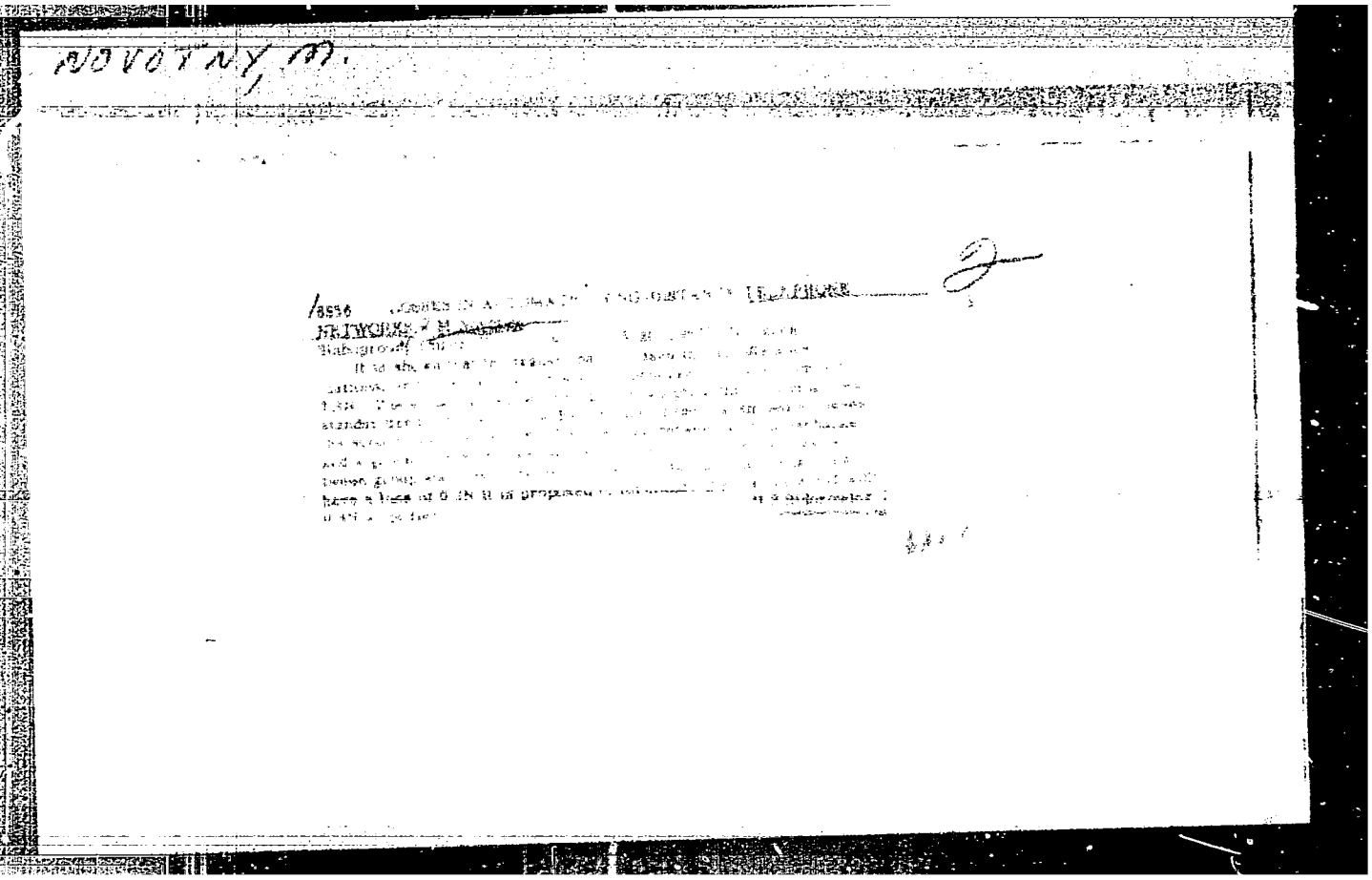

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S/194/62/000/006/227/232
D256/D308

AUTHORS: Novotný, Miroslav, Rott, Hilbert and Pekárek, Josef

TITLE: Method of number transmitting in automatic and semi-automatic interurban telephone connections

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, abstract 6-8-39 zh (Czechosl. pat. kl. 21 a^3, 34/01, 21 a^3, 34/10, no. 97790, 15.12.60)

TEXT: A method is patented in which the local exchanges or exchange areas are described by direction numbers with a variable number of digits. The outgoing register fixes the whole dialled number and sends to the transit register a group of digits only equal to the number of digits of the longest number found in the given system of numeration. For shorter direction numbers the missing number of digits is supplemented by the initial digits of the subscriber's number. The digit group so obtained is sent successively by conventional means between the transit registers to the last transit register which selects from the received group only the digits of the subscriber's number contained there and sends them to the local

Card 1/2

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S/194/62/000/006/227/232
D256/D308

Method of number transmitting ...

exchange or exchange area; the remaining digits of the subscriber N being sent directly to the called local exchange or exchange area only after the connection has been established. [Abstracter's note: Complete translation.]

Card 2/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

34557
S/044/62/000/001/002/061
C111/C444

16.0600

AUTHOR: Novotny, Miroslav.

TITLE: On certain properties of cardinal operations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 1, 1962, 14, abstract 1A93. ("Spisy přírodověd fak. univ. Brně", 1960, no. 10, 465 - 484)

TEXT: Let A and B be ordered sets; let A + B, A·B, and A^B indicate the Birkhoff cardinal sum, product, and power. Let g be an ordered set, and x, y be two elements of g; let $x \equiv y$, if in g there exist elements $x = x_0, x_1, \ldots, x_n = y$ such that x_{i-1}, x_i are congruent for i = 1, 2,..., n. The relation $\equiv$ is a relation of equivalence on the set g, on g defining a decomposition into classes; the classes of this decomposition are called components of the set g. We say that the ordered set g possesses the property (E_1), if to every component c of g there exists only a finite number of components of g, being isomorphic to it.

Theorem A: Let k be an ordered set with the property (E_1), and g, G be ordered sets. If the sets k + g and k + G are isomorphic, then

Card 1/2

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On certain properties of cardinal...

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g and G are isomorphic, too.

Theorem A': Let k be an ordered set, not possessing the property (E_1). Then there exist non-isomorphic sets g and G such that the sets $k + g$ and $k + G$ are isomorphic.

Theorem B: Let k be a chain and g, G be isomorphic sets. If the sets $k \cdot g$, and $k \cdot G$ are isomorphic, then g and G are isomorphic, too.

Theorem C: Let k be a chain of at least two elements; g, G be ordered sets. If the sets k^g and k^G are isomorphic, then g and G are isomorphic, too.

The theorems B and C can yet be generalised.

[Abstracter's note: Complete translation.]

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

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PEKAREK, I., insh. (Chekhoslovakiya); NOVOTNYY, M., insh. (Chekhoslovakiya); ZAYONCHKOVSKIY, Ye.A., kand.tekhn.nauk (SSSR)

"Tesla NE 60" telephone equipment for semiautomatic international telephone communication. Vest. sviazi 20 no.9:5-8 S'60. (MIRA 13:10)
(Telephone—Equipment and supplies)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Miroslav (Brno)

Some problems connected with the arithmetic of cardinal numbers.
Pokroky mat fyz astr 6 no.6:314-318 '61.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

ZAYONCHKOVSKIY, Ye.A.; NOVOTNYY, M.[Novotny, M.], inzh. (ChSSR); PEKAREK, I.[Pekarek, J.](ChSSR). Prinimal uchastiye MATEYKA, V.[Matejka, V.], inzh.; VOLODARSKAYA, V.Ye., red.; SHEFER, G.I., tekhn. red.

[The MN-60 apparatus for international semiautomatic telephone communication]Apparatura poluavtomaticheskoi mezhdunarodnoi telefonnoi sviazi MN-60. Moskva, Sviaz'izdat, 1962. 212 p. (MIRA 16:2)

(Communist countries—Telephone)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

PEKAREK, Josef,inz.; NOVOTNY, Miroslav,inz.

The Tesla NW 60 signalling and switching system for semiautomatic and automatic international service. Slaboproudy obzor 22 no.5: 265-274 '61. (EEAI 10:7)

1. Vyskumny ustav telekomunikaci, Praha.
(Telephone)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Miroslav (Brno)

Conference on ordered sets in Brno. Cas pro pest mat 89 no.2: 254-256 Ap '64

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, M. (Brno)

Report on the seminar on ordered sets. Cas pro pest mat 89 no.1:124-126 F '64.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

L 25651-66 FSS-2

ACC NR: AP5024841 (A) SOURCE CODE: CZ/0078/65/000/009/0010/0010

AUTHOR: Novotny, Miroslav (Engineer)(Prague); Pekarek, Josef (Engineer)(Prague); Rott, Hilbert (Engineer)(Prague)

52
3

ORG: none

TITLE: Czech patent no. 4525-64 /Control of registers in exchange centers of long-distance communication systems/

SOURCE: Vynalezy, no. 9, 1965, 10

TOPIC TAGS: communication channel, communication network, communication system, circuit design, remote control, numeric control

TRANSLATION: The control of registers in exchange centers of long-distance communication systems by data on the compilation of communication routes from individual sectors, which can be easily substituted by some of the other circuit sectors in case one or several of them are busy, is characterized by the fact that the data on the routes contain numbers of circuit sectors for the permissible routes and each number decreases by one circuit sector in the next exchange center.

SUB CODE: 09,17/ SUBM DATE: 10Aug64

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Card 1/1

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, O.; POSPISIL, S.; NOVOTNY, J.

One year of experience in assembly-line construction carried out by Moravostav Trust, National Enterprise in Prerov. Pt. 1. p. 10.

Vol. 4, no. 1, Jan. 1956
POZEMNI STAVBY
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, O. SEBEK, J.

Three bridge projects founded on embankments which are not compacted. p. 287.

(Inzenyrske Stavby. Vol. 5, no. 6, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, O. - TROPP, P. - CIPA, K.

Use of chemically hardened mixtures in the gray-iron foundries of Czechoslovak Oil Engine Works, p. 300

SLEVARENSTVI. (Ministerstvo tezkeho strojirenstvi a Ceskoslovenska vedecka technicka spolecnost pro hunictvi a slevarenstvi) Praha, Czechoslovakia. Vol. 7, no. 7, June, 1959

Monthly list of East European Accessions (EEAI) LC Vol. 8, No. 12, Dec., 1959 Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNÝ, O.

Construction of the surface building at the Centrum Mine. n. k.

POZEMNÍ STAVBY. (Ministerstvo stavebnictvi)
Praha, Czeckoslovakia Vol. 7, no. 1, Jan. 1959

Monthly List of East European accession, (EEAI), LC, Vol. 8, No. 12, Dec. 1959
Uncl.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Oldrich, inz.

Reliability of terminal connections of aluminum conductors.
Elektrotechnik 20 no.1:9-13 Ja '65.

1. Testing Institute of Electrical Engineering, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Oldrich; LAMPL, Frantisek

Organization of units for panel house prefabrication and assembling in the Brno and Ostrava areas. Poz stavby 11 no.5:276-278 '63.

1. Pozemni stavby Brno (for Novotny). 2. Pozemni stavby Ostrava (for Lampl).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Oldrich; PEC, Karel

Equivalence between Love waves propagating in double layer and single layer medium. Studia geophys 8 no.1:24-33 '64.

1. Geophysical Institute, Charles University, Praha 2, Ke Karlovu 3.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Otakar

Conditions for the highest quality food technology. Tech praca 15 no.7:493-497 Jl '63.

1. Vedouci technicke skupiny ministerstva potravinarskeho prumyslu, Praha.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, O., inz.

Activity of the International Commission on Rules for the Approval of Electrical Equipment in 1963. Elektrotechnik 19 no.4:113-115 Ap '64.

1. Testing Institute of Electrical Engineering, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, O.

"Tasks, aims and work of the International Commission on Rules for the Approval of Electrical Equipment."

ELEKTROTECHNIK, Praha, Czechoslovakia, Vol. 14, No. 4, April 195[illegible]

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Oldrich, inz.

Importance of the electrical engineering research for the national economy. Elektrotechnik 18 no.2:30-32 F '63.

1. Elektrotechnicky zkusebni ustav, Praha.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, O., inz.

Activities of the International Commission on Rules for the Approval of Electrical Equipment in 1962. Elektrotechnik 18 no.3:80-81 Mr '63.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Oldrich, inz.

Electric appliances and other electric devices with increased insulation. Elektrotechnik 18 no.8:227-231 Ag '63.

1. Elektrotechnicky zkusebni ustav, Praha.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

NOVOTNY, Oldrich, inz.

Activities of the International Commission on Rules for the Approval of Electrical Equipment in 1964. Elektrotechnik 20 no.4:113-114, 121 Ap '65.

1. Testing Institute of Electrical Engineering, Prague.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

L 38522-66

ACC NR: AP6029155 SOURCE CODE: CZ/0023/66/010/002/0156/0171

AUTHOR: Novotny, Oldrich

ORG: Geophysical Institute, Charles University, Prague

TITLE: Modes of love waves in a double-layer medium

SOURCE: Studia geophysica et geodaetica, v. 10, no. 2, 1966, 156-171

TOPIC TAGS: earth crust, seismic wave

ABSTRACT: The solution of the frequency equation of Love waves for the case of a single layer, apart from the basic mode, is still higher modes. The occurrence of such modes corresponds formally to the periodicity of the function tangent which occurs in the frequency equation. It is usual to define these modes either by the order number of the branch of the tangent entering the frequency equation or by the order of the dispersion curve, which corresponds to the number of nodal lines. In the case of one layer, these two definitions are equivalent. In the case of a double-layer medium the relations between the two definitions are more complicated, and this paper presents an investigation of them. The author thanks Assistant Professor K. Pec, Candidate of Sciences for valuable advice and remarks which improved this work. Orig. art. has: 19 figures, 12 formulas and 2 tables. [Orig. art. in Eng.] [JPRS: 36,844]

SUB CODE: 08 / SUBM DATE: 24Jun65 / ORIG REF: 002 / OTH REF: 001

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

CZ/38-60-1-22/24

AUTHOR: Novotný, P., Engineer

TITLE: Utilization of Organic Coolants for Reactors With Heavy Water Moderators

PERIODICAL: Jaderná Energie, 1960, No. 1, p. 36-annex

TEXT: This is a report on a meeting held by the Central Club on Energy Sciences on December 18, 1959. At this meeting a lecture was given, apparently by the author named above, on the utilization of organic cooling substances for reactors with heavy water moderators. A review was given on the possibilities of using organic cooling substances, including the advantages and disadvantages of certain organic matters. The lecturer elaborated on such subjects as the economy of reactors with organic coolants and heavy water moderation, basic properties of organic coolants, activation, evaluation of organic coolants, construction materials for reactors, the Canadian project, and the Swiss project.

ASSOCIATION: UJV, Praha

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

BLEHOVA, B.; NOVOTNY, P.

Clostridium perfrigens type F in so-called infant dyspepsias.
Sborn. pathofysiol. trav. vyz. 6 no. 4-6:299-301 Dec 1952. (CLML 24:1)

1. Of the Pediatric Department (Head--Docent Pisarovicova, M.D.) of the State Faculty Hospital and of the Institute of Medical Microbiology (Head--Prof. Patocka, M.D.) of Charles University, Prague.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001237530002-8

HOVOTNY, Pavel

Plectridia; diagnostic studies. Cesk. hyg. epidem. mikrob. 2 no.2: 90-107 Apr '53.

1. Ustav pro lekarskou mikrobiologii i immunologii university Karlovy, Praha.

(BACILLUS,
Plectridium, detection)

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EXCERPTA MEDICA Sec. 17 Vol. 3/11 Public Health Nov. 57

3298. NOVOTNÝ P. Mikrobiol. Odd. Státní Fak. Nemocn., Praha. *Infekční enterotoxemie, nové onemocnění dobytka na území CSR, vyvolané Cl. welchii (perfringens), produkujícím epsilon-toxin (typ D). Infectious enterotoxaemia. A newly recorded disease of goats brought about by infection with Clostridium welchii (perfringens) producing epsilon-toxin (type D) ČSL. EPIDEM. MIKROBIOL. IMUN. 1957, 6/1 (20-23) Graphs 1 Tables 1

A small flock of goats died from infectious enterotoxaemia. From the contents of their intestines Clostridium welchii, producing epsilon-toxin, was cultivated. Also in the contents of the small intestine, epsilon-toxin was found. Serum of convalescents contained epsilon-antitoxin (0.5-1.2 antitoxic units per ml.). Breeding of sheep and calves might be endangered in Czechoslovakia because of this disease. As yet no similar strains resulting from human disease were detected, but the possibility of such infection is taken into account.

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